

Species Tag:	47003	Species Name:	DCOOH
Version:	1		Formic acid,
Date:	Jan. 1980		deuterium isotope
Contributor:	R. L. Poynter		on C atom
Lines Listed:	628	Q(300.0)=	10529.310
Freq. (GHz) <	1196	Q(225.0)=	6840.690
Max. J:	20	Q(150.0)=	3626.603
LOGSTR0=	-8.8	Q(75.00)=	1251.411
LOGSTR1=	-7.0	Q(37.50)=	466.122
Isotope Corr.:	-3.824	Q(18.75)=	165.882
Egy. (cm <sup>-1</sup> ) >	0.0	Q(9.375)=	59.156
$\mu_a$ =	1.396	A=	57709.33
$\mu_b$ =	0.260	B=	12055.971
$\mu_c$ =		C=	9955.609

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, J. Mol. Spect. **41**, 333. The measurements were taken from J. Bellet, A. Deldalle, C. Samson, G. Steenbeckeliers, and R. Wertheimer, 1971, J. Mol. Struc. **9**, 65, and R. G. Lerner, B. P. Dailey, and J. P. Friend, 1957, J. Chem. Phys. **26**, 680. The dipole moment was assumed to be the same as for the parent species, tag no. 46005.